IN THE CLAIMS:

Please amend the following claims 46-88 as follows.

1-45. (Canceled)

- 46. (previously presented) A semiconductor device comprising:
- a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:
- a semiconductor film comprising crystalline silicon and having at least source and drain regions and a channel forming region;
- a gate insulating film over the channel forming region; and
- a gate electrode formed over the gate insulating film; an interlayer insulating film formed over the first thin film transistor;
- a conductive layer formed over the interlayer insulating film and electrically connected to one of the source and drain regions of the first thin film transistor;
- a color filter having a flattened surface formed over the interlayer insulating film and the conductive layer; and
- a pixel electrode formed over the color filter and electrically connected to the conductive layer.
- 47. (previously presented) A semiconductor device comprising:

a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:

a semiconductor film comprising at least a channel forming region;

a gate insulating film adjacent to the channel forming region; and

a gate electrode adjacent to the gate insulating film, an interlayer insulating film formed over the first thin film transistor;

a conductive layer formed over the interlayer insulating film and electrically connected to one of source and drain regions of the first thin film transistor;

a color filter having a flattened surface formed over the interlayer insulating film and the conductive layer; and

a pixel electrode formed over the color filter and electrically connected to the conductive layer.

48. (previously presented) A semiconductor device comprising:

a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:

a semiconductor film comprising crystalline silicon and having at least source and drain regions and a channel forming region;

a gate insulating film adjacent to the channel forming region; and

a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

an interlayer insulating film formed over the first thin film transistor, the interlayer insulating film comprising at least a material selected from the group consisting of silicon nitride, silicon oxide and nitrated silicon oxide;

a color filter having a flattened surface formed over the interlayer insulating film; and

a pixel electrode formed over the color filter,

wherein the pixel electrode is electrically connected to the first thin film transistor.

- 49. (previously presented) A device according to claim 48, wherein the gate electrode is located over the channel forming region.
- 50. (previously presented) A semiconductor device comprising:
- a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:
- a semiconductor film comprising silicon and having at least a channel forming region;

a gate insulating film adjacent to the channel forming region; and

a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

an interlayer insulating film formed over the first thin film transistor, the interlayer insulating film comprising at least a material selected from the group consisting of silicon nitride, silicon oxide and nitrated silicon oxide;

a color filter having a flattened surface formed over the interlayer insulating film; and

a pixel electrode formed over the color filter.

- 51. (previously presented) A device according to claim 50, wherein the gate electrode is located over the channel forming region.
- 52. (previously presented) A semiconductor device comprising:

a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:

a semiconductor film comprising crystalline silicon and having at least source and drain regions and a channel forming region;

a gate insulating film adjacent to the channel forming region; and

a gate electrode formed adjacent to the channel forming region with the gate insulating film interposed therebetween:

a first interlayer insulating film formed over the first thin film transistor;

a conductive layer formed over the first interlayer insulating film and electrically connected to one of the source and drain regions of the first thin film transistor;

a passivation film formed over the conductive layer, the passivation film comprising at least a material selected from the group consisting of silicon nitride, silicon oxide and nitrated silicon oxide;

a color filter having a flattened surface formed over the passivation film; and

- 53. (previously presented) A device according to claim 52, wherein the gate electrode is located over the channel forming region.
- 54. (previously presented) A semiconductor device comprising:
- a first thin film transistor formed over a substrate, the first thin film transistor comprising:

a semiconductor film comprising silicon and having at least a channel forming region;

a gate insulating film adjacent to the channel forming region; and

a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

a first interlayer insulating film formed over the first thin film transistor;

a conductive layer formed over the first interlayer insulating film and electrically connected to one of the source and drain regions of the first thin film transistor;

a passivation film formed over the conductive layer, the passivation film comprising at least a material selected from the group consisting of silicon nitride and nitrated silicon oxide;

a color filter having a flattened surface formed over the passivation film; and

- 55. (previously presented) A device according to claim 54, wherein the gate electrode is located over the channel forming region.
 - 56. (previously presented) A semiconductor device

comprising:

- a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:
 - a semiconductor film comprising :
 - a channel forming region; and
- a source region and a drain region in contact with the LDD regions;
- a gate insulating film adjacent to the channel forming region; and
- a gate electrode adjacent to the gate insulating film; an interlayer insulating film formed over the first thin film transistor;
- a conductive layer formed over the interlayer insulating film and electrically connected to one of source and drain regions of the first thin film transistor;
- a color filter formed over the interlayer insulating film, the conductive layer and the first thin film transistor; and
- a pixel electrode formed over the color filter and electrically connected to the conductive layer.
- 57. (previously presented) A semiconductor device comprising:
- a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:
 - a semiconductor film comprising:

- a channel forming region; and
- a source region and a drain region in contact with the LDD regions;
- a gate insulating film adjacent to the channel forming region; and
- a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

an interlayer insulating film formed over the first thin film transistor, the interlayer insulating film comprising at least a material selected from the group consisting of silicon nitride, silicon oxide and nitrated silicon oxide;

a color filter formed over the interlayer insulating film and the first thin film transistor; and

- a pixel electrode formed over the color filter.
- 58. (previously presented) A semiconductor device comprising:
- a first thin film transistor formed over an insulating surface, the first thin film transistor comprising:
 - a semiconductor film comprising:
 - a channel forming region; and
- a source region and a drain region in contact with the LDD regions;
- a gate insulating film adjacent to the channel forming region; and

a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

a first interlayer insulating film formed over the first thin film transistor;

a conductive layer formed over the first interlayer insulating film and electrically connected to one of the source and drain regions of the first thin film transistor;

a passivation film formed over the conductive layer, the passivation film comprising at least a material selected from the group consisting of silicon nitride and nitrated silicon oxide;

a color filter formed over the passivation film and the first thin film transistor; and

- 59. (previously presented) A semiconductor device comprising:
 - a first thin film transistor comprising:
- a semiconductor film comprising at least a channel forming region;
- a gate insulating film adjacent to the channel forming region; and
- a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

an interlayer insulating film formed over the first thin film transistor;

a conductive layer formed over the interlayer insulating film and electrically connected to one of source and drain regions of the first thin film transistor;

a color filter formed over the interlayer insulating film, the conductive layer and the first thin film transistor; and

a pixel electrode formed over the color filter and electrically connected to the conductive layer,

wherein the pixel matrix circuit and the driver circuit are ever a same substrate.

- 60. (previously presented) A semiconductor device comprising:
 - a first thin film transistor comprising:
- a semiconductor film comprising silicon and having at least a channel forming region;
- a gate insulating film adjacent to the channel forming region; and
- a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;

an interlayer insulating film formed over the first thin film transistor, the interlayer insulating film comprising

at least a material selected from the group consisting of silicon nitride, silicon oxide and nitrated silicon oxide;

a color filter formed over the interlayer insulating film and the first thin film transistor; and

a pixel electrode formed over the color filter.

- 61. (previously presented) A semiconductor device comprising:
 - a first thin film transistor comprising:
- a semiconductor film comprising silicon and having at least a channel forming region;
- a gate insulating film adjacent to the channel forming region; and
- a gate electrode adjacent to the channel forming region with the gate insulating film interposed therebetween;
- a first interlayer insulating film formed over the first thin film transistor;
- a conductive layer formed over the first interlayer insulating film and electrically connected to one of the source and drain regions of the first thin film transistor;
- a passivation film formed over the conductive layer, the passivation film comprising at least a material selected from the group consisting of silicon nitride and nitrated silicon oxide;

a color filter formed over the passivation film and the first thin film transistor; and

- 62. (previously presented) A device according to claim 56, wherein the semiconductor film comprises crystalline silicon.
- 63. (previously presented) A device according to claim 57, wherein the semiconductor film comprises crystalline silicon.
- 64. (previously presented) A device according to claim 58, wherein the semiconductor film comprises crystalline silicon.
- 65. (previously presented) A device according to claim 59, wherein the semiconductor film comprises crystalline silicon.
- 66. (previously presented) A device according to claim 60, wherein the semiconductor film comprises crystalline silicon.
- 67. (previously presented) A device according to claim 61, wherein the semiconductor film comprises crystalline silicon.
- 68. (Currently Amended) A device according to claim 46, wherein the semiconductor device further comprising:

a resin film over the color filter; an electrode over the organic resin film; and

an oxide film of the first electrode in direct contact with at least a portion of a surface of the first electrode,

wherein the pixel electrode is in direct contact with at least a portion of the oxide film, and

wherein a storage capacitor comprises the electrode and the pixel electrode with the oxide film interposed therebetween.

69. (Currently Amended) A device according to claim 48, wherein the semiconductor device further comprising:

a resin film over the color filter;

an electrode over the organic resin film; and

an oxide film of the first electrode in direct contact with at least a portion of a surface of the first electrode,

wherein the pixel electrode is in direct contact with at least a portion of the oxide film, and

wherein a storage capacitor comprises the first electrode and the pixel electrode with the oxide film interposed therebetween.

70. (Currently Amended) A device according to claim 52, wherein the semiconductor device further comprising:

a resin film over the color filter;
an electrode over the organic resin film; and

an oxide film of the first electrode in direct contact with at least a portion of a surface of the first electrode,

wherein the pixel electrode is in direct contact with at least a portion of the oxide film, and

wherein a storage capacitor comprises the first electrode and the pixel electrode with the oxide film interposed therebetween.

- 71. (previously presented) A device according to claim 46, wherein the semiconductor film further comprises LDD regions between the channel forming region and the source and drain regions.
- 72. (previously presented) A device according to claim 48, wherein the semiconductor film further comprises LDD regions between the channel forming region and the source and drain regions.
- 73. (previously presented) A device according to claim 52, wherein the semiconductor film further comprises LDD regions between the channel forming region and the source and drain regions.
- 74. (previously presented) A device according to claim 56, wherein the semiconductor film further comprises LDD regions

between the channel forming region and the source and drain regions.

- 75. (previously presented) A device according to claim 57, wherein the semiconductor film further comprises LDD regions between the channel forming region and the source and drain regions.
- 76. (previously presented) A device according to claim 58, wherein the semiconductor film further comprises LDD regions between the channel forming region and the source and drain regions.
- 77. (previously presented) A device according to claim 46, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

78. (previously presented) A device according to claim 47, further comprising a driver circuit comprising a second thin film transistor,

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

79. (previously presented) A device according to claim 48, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

80. (previously presented) A device according to claim 50, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

81. (previously presented) A device according to claim 52, further comprising a driver circuit comprising a second thin film transistor,

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

82. (previously presented) A device according to claim 54, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

83. (previously presented) A device according to claim 56, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

84. (previously presented) A device according to claim 57, further comprising a driver circuit comprising a second thin film transistor,

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

85. (previously presented) A device according to claim 58, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

86. (previously presented) A device according to claim 59, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

87. (previously presented) A device according to claim 60, further comprising a driver circuit comprising a second thin film transistor,

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.

88. (previously presented) A device according to claim 61, further comprising a driver circuit comprising a second thin film transistor,

wherein the first thin film transistor is included in a pixel matrix circuit, and

wherein the pixel matrix circuit and the driver circuit are formed over an insulating surface.